jWIN

The product is manufactured in accordance with the international standard for DVD players.

Operating
Instructions

JD-VD504 DVD PLAYER

MPEG4

Before attempting to connect, operate or adjust this player, please read this instructions completely and save for future reference.
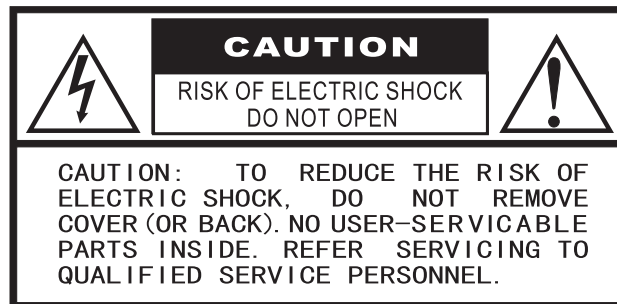
jWIN

Attention for parents:

     In order to avoid the situation that you forget the parental lock code and can not enter into the operation of parental lock setting, here we offer you the super secret code: 1369. You may use this code to enter into the operation of parental setting. To prevent the young children from knowing this secret code, please tear the note from this user's manual and keep in safe place.

Thank you for purchasing this DVD player . Before operating this unit, please read the manual carefully and retain it for future reference.

SAFETY PRECAUTION

CAUTION	
RISK OF ELECTRIC SHOCK DO NOT OPEN	

CAUTION: TO   REDUCE   THE   RISK   OF ELECTRIC   SHOCK,   DO   NOT   REMOVE COVER (OR BACK). NO USER-SERVICABLE PARTS INSIDE. REFER   SERVICING TO QUALIFIED SERVICE PERSONNEL.

The lighting flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product′s enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

WARNING:

TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT EXPOSE THE APPLIANCE TO RAIN OR MOISTURE. DANGEROUS HIGH VOLTAGES ARE PRESENT INSIDE THE ENCLOSURE. DO NOT OPEN THE CABINET.

CAUTION:

When replacing the direct plug-in power supply or a separable, cord-connected power supply, the replacement must be the exact duplicate, or one that has been recommended by the manufacturer.

CAUTION:

TO PREVENT ELECTRIC SHOCK, MATCH THE WIDE BLADE OF THE PLUG TO WIDE SLOT, AND FULLY INSERT IT.

This DVD player employs a laser system.

CAUTION:

Use of controls, adjustments or the performance of procedures other than those specified herein may result in hazardous radiation exposure.

To prevent direct exposure to laser beam, do not open the enclosure.

DO NOT STARE INTO BEAM.

FCC NOTICE:

This equipment has been tested and proved to comply to the limits for a Class B digital device, pursuant to part 15of the FCC Rule. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-Reorient or relocate the receiving antenna.

-Increase the separation between the equipment and receiver.

-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

-Consult the dealer or an experienced radio/TV technician for help.

WARNING:

Changes or modifications made to this equipment, not expressly approved by our company, or parties authorized by our company ,will void any remaining warranty for the unit.

IMPORTANT SAFETY INSTRUCTIONS

CAUTION: PLEASE READ THESE INSTRUCTIONS AND KEEP THESE INSTRUCTIONS FOR FUTURE REFERENCE. PLEASE NEED ALL WARNINGS AND FOLLOW ALL INSTRUCTIONS.

This set has been designed and manufactured to assure personal safety. Improper use can result in electric shock or fire hazard. The safeguards incorporated in the unit will protect you if you observe the following procedures for installation, use and servicing. This unit is fully transistorized and does not contain any parts that can be repaired by the user.

DO NOT REMOVE THE CABINET COVER, OR YOU MAY BE EXPOSED TO DANGEROUS VOLTAGE. REFER ALL SERVICE TO QUALIFIED PERSONNEL ONLY.

1.Read the instruction
After unpacking this product, read these instructions carefully, and follow all the instructions.

2.Keep these instructions.

3.Read all warnings.

4.Follow all instructions.

5.Do not use this unit near water.

6.Clean only with dry cloth.

7.Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.

8.Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
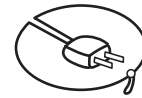
10.Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

11. Only use attachments/accessories specified by the manufacturer.

12. Unplug this apparatus during lightning storms or when unused for long periods of time.

13. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

Notes on Handling

* When shipping the DVD player, the original shipping carton and packing materials come in handy. For maximum protection, repack the unit as it was originally packed at the factory.
* Do not use volatile liquids, such as insect spray, near the DVD player. Do not leave rubber or plastic products in contact with the DVD player for a long time.
* The top and rear panel of the DVD player may become warm after a long period of use. This is not a malfunction.
* When the DVD player is not in use, be sure to remove the disc and turn off the power.
* If you do not use the DVD player for a long period, the unit may not function properly in the future. Maintain it by turning the unit on periodically.

Notes on Position

* When you place this DVD player near a TV, radio, or VCR, the playback picture may become poor and the sound may be distorted . In this case, place the DVD player away from the TV, radio, or VCR.

Notes on Cleaning

Use a soft, dry cloth for cleaning.

* For stubborn dirt, soak the cloth in a mild detergent solution, wring well and wipe. Use a dry cloth to wipe it dry.

* Do not use any type of solvent, such as thinner or benzine, as they may damage the surface of the DVD player. If you use a chemical saturated cloth to clean the unit, follow that product's instructions.

To Obtain a Clear Picture

The DVD player is a high technology, precision device. If the optical pick-up lens and disc drive parts are dirty or worn down, the picture quality becomes poor. To obtain a clear picture, we recommend regular inspection and maintenance (cleaning or parts replacement)every 1,000 hours of use depending on the operating environment. For details , contact your nearest dealer.

Notes on Moisture Condensation

Moisture condensation damages the DVD player. please read the following carefully.

Moisture condensation occurs, for example, when you pour a cold drink into a glass on a warm day. Drops of water form on the outside of the glass. In the same way, moisture may condense on the optical pick-up lens inside this unit, one of the most most crucial internal parts of the DVD PLAYER.

Moisture condensation occurs during the following cases:

*When you bring the DVD player directly from a cold place to a warm place.
*When you use the DVD player in a room where you just turned on the heater, or a place where the cold wind from the air conditioner directly hits the unit.
*In summer, when you use the DVD player in a hot and humid place just after you move the unit from an air conditioned room.
*When you use the DVD player in a humid place.

Do not use the DVD player when moisture condensation may occur:
*If you use the DVD player in such a situation, it may damage discs and internal parts. Remove the disc, connect the power cord of the player to the wall outlet, turn on the DVD player, and leave it for two or three hours. After two or three hours, the DVD player will have warmed up and evaporated any moisture. Keep the DVD player connected to the wall outlet and moisture condensation will seldom occur.

Attention

Warning: Do not expose the equipment to the rain or put it at the humid place in order to avoid any fire or electric shock. Do not open the enclosure since there is high-pressure fittings and laser inside. If the equipment requires maintaining, turn to some professionals for help.

Warning: As the DVD player is a high-grade household electrical appliance, there is large-scale integration and precise laser device. Thus, to prolong the lifespan of the player, the interval of continuous switching shall not be less than ten seconds. Besides, for personal safety, the power supply will be switched off before connecting.

Precautions for Maintenance:

* Do not put the equipment at or near the following locations: Any place exposed to direct sunlight or close to the heat radiation appliances(e.g. Heater)

  The top of other objects with heat radiating function.

  Do not put the unit in any place with easy vibration, unsteady standing, heavy humidity and exposure to rain.
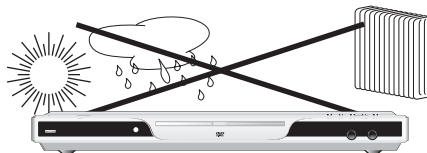
* Do not place the equipment near or at the same platform as high-power speakers so as to prevent vibration to affect the normal operation of the equipment.

* When the ambient temperature gets an extreme change (e.g. move from a cold place to a warm one), the optical head may gain dewing, where the equipment can not work normally. With the disc taken out, the equipment can recover a normal operation after be powered on for one to two hours.

* In case the optical head has some dust due to an overuse or an application in a poor outer environment, the optical head can be cleaned with the laser cleaning kit. refer to the operation instruction of your purchased cleaning kit for detailed operation.

* The surfaces of the equipment and controller can be cleaned with a soft cotten cloth with some neutral solution. Do not apply abrasive paper, spirit or gasoline to cleaning.

* Do not use a dirty or damaged disks as this may damage the main component of the unit.

ENGLISH

Precautions for Use of Power Supply:

* Choose an appropriate power supply
  with the voltage specified in the
  operation instruction manual.
* When pulling out or inserting the plug,
  do not pull the power cable, but grasp
  the plug to pull out or insert.
* Make it sure that all connections and power cords are appropriately
  connected before the equipment is powered on.
* Before the equipment is powered on, the volume of the power amplifier
  shall be adjusted to the minimum. The amplifier can be toned up after
  playing the music so as to avoid damaging the amplifier or the loudspeaker.
* If you don't use the equipment for a long time, keep the unit unplugged.

~120V/60Hz
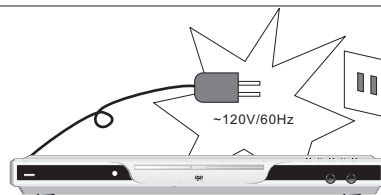
Precautions for Maintenance:

* For any abnormality with the unit's functions,
  please only contact the authorized service
  center.

* Before opening the enclosure of the equipment, the power supply shall be
  switched off to avoid getting an electric shock.

ENGLISH

TABLE OF CONTENTS

ENGLISH

1. User Interface

Front Panel:

|	
1. Disc Tray	6. Next Button
2. Open/Close Button	7. Power Button
3. Play Button	8. VFD Display
4.Stop Button	9.Remote Control Sensor
5.PREV Button	10.MIC Jack 1
	11.MIC Jack 2

Back Panel Ports:

Remote Control

OPEN/CLOSE POWER

MUTE

OSD

BOOKMARK

RECALL

SETUP   SEARCH

ENTER

SUBTITLE   AUDIO

PLAY   PAUSE   STOP

ANGLE   ZOOM   WINDOW   PROG

TITLE   REPEAT   A-B   SLOW

MENU   D-PLAY   VOL

NAVIGATION   PS   N/P   GRADE
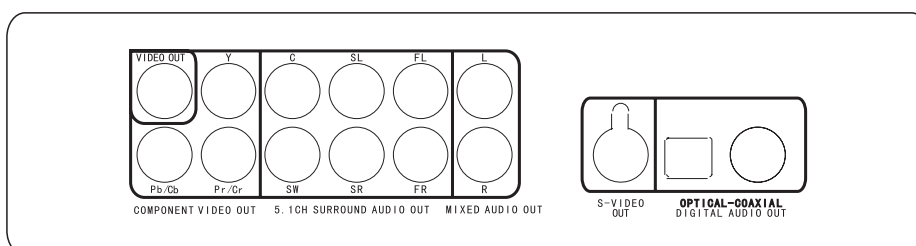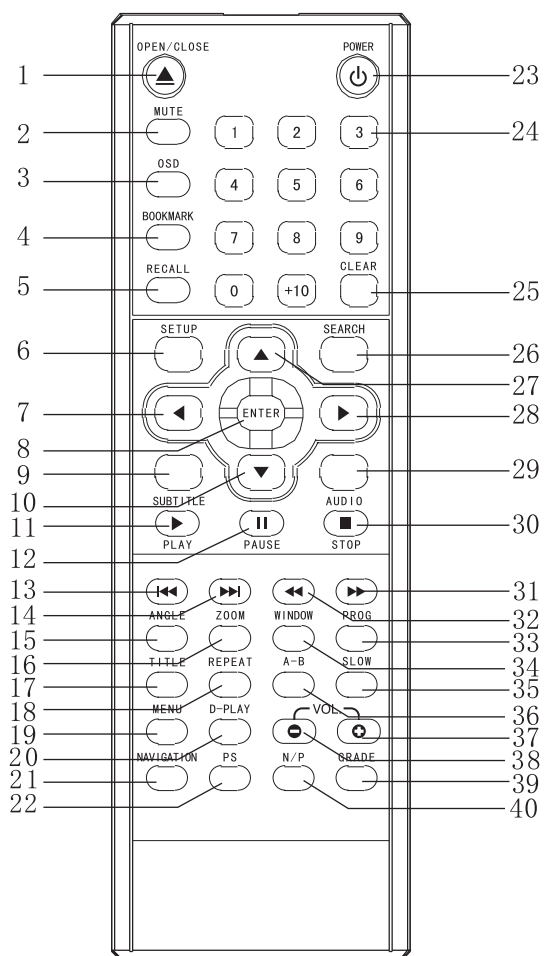
1. Open/Close Button
2. Mute Button
3. OSD Button
4. Bookmark Button
5. Recall Button
6. Setup Button
7. Left Button
8. Enter Button
9. Subtitle Button
10. Down Button
11. Play Button
12. Pause Button
13. Previous Button
14. Next Button
15. Angle Button
16. Zoom Button
17. Title Button
18. Repeat Button
19. Menu Button
20. D-Play Button(direct playing)
21. Navigation Button
22. PS Button
23. Power(Standby) Button
24. Numeric Button
25. Clear Button
26. Search Button
27. Up Button
28. Right Button
29. Audio(L/R) Button
30. Stop Button
31. Fast Forward Button
32. Fast Reverse Button
33. PROG Button
34. Window Button
35. Slow Motion Button
36. A-B Repeat Button
37. Volume Control(+) Button
38. Volume Control(-) Button
39. Grade Button
40. N/P Button

Vacuum Fluorescent Display

TITLE　CH/TRK　DVD VCD MP3
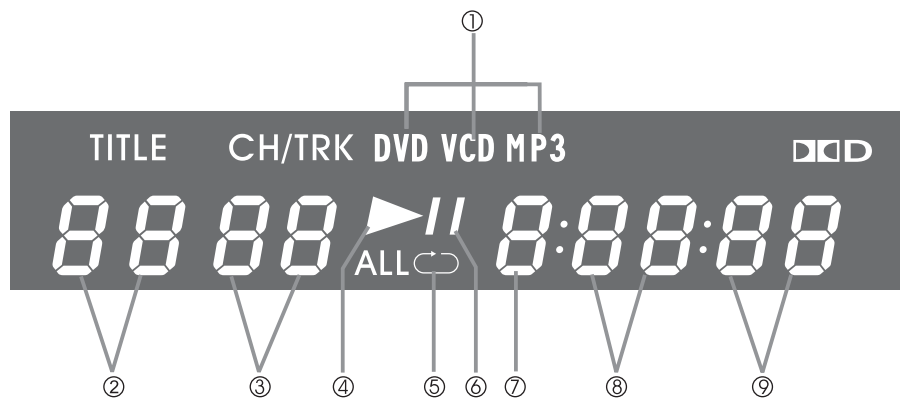
1. Disc Format display
2. Title display
3. Chapter / Track display

4. Playing display
5. Repeat display
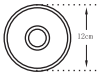6. Pause display

7. Hour display
8. Minute display
9. Second display
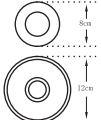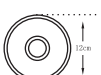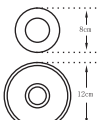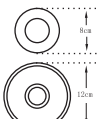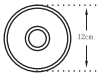
2. Playable discs for the Player

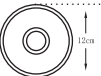| Disc Type	Dimensions	Symbol
DVD	8cm / 12cm	**DVD** VIDEO
SVCD	12cm	SVCD
DVCD	12cm	COMPACT disc DIGITAL VIDEO / DVCD
MP3	12cm	**MP3**
Video-CD (VCD)	8cm / 12cm	COMPACT disc DIGITAL VIDEO / VIDEO CD
CD-DA	8cm / 12cm	COMPACT disc DIGITAL AUDIO
WMA	12cm	Designed for WMA
Picture-CD	12cm	Kodak Picture CD COMPATIBLE
MPEG4	12cm	MPEG4 VIDEO

📄 *The user is advised to safeguard the intellectual property and use original discs. For those faults resulting from the use of pirated or poor quality discs, we'll not offer replacement or warranty repair.*

3. Preparation before Playing

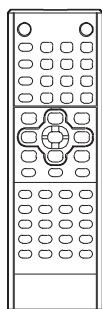### 3.1 Accessories *(Please check that all the following accessories was included.)*

1

Remote control

2

Instruction
Manual
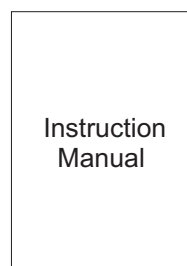
3

A Pair of Batteries

4
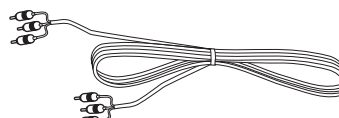
Video/Audio cord

3.2 Battery Installation for Remote Control

Open the battery compartment lid and insert a pair of
AAA batteries with correct polarity as indicated.
Please point at the remote sensor on the player while
using the remote control.
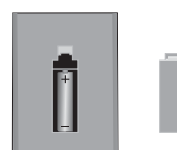
3.3 System Connection

Turn off the power before connection.
Turn on the power after finishing connection.

📄 *Wires must be properly connected. All the plugs shall be fully inserted .*

Connect with TV

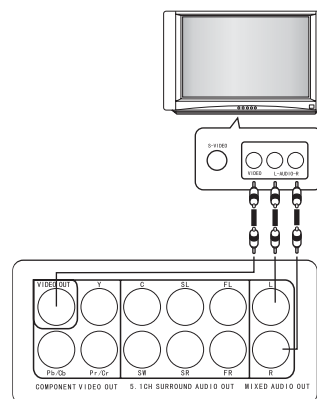### Normal Connection

Connect the player and the appropriate port of TV set with video/audio wire, as indicated in the right picture:

Connect with S-video Terminal

Connect one end of the S-video wire with S-video output socket on DVD back-panel and another with the S-video input socket of the TV, and then connect audio wire with the TV.
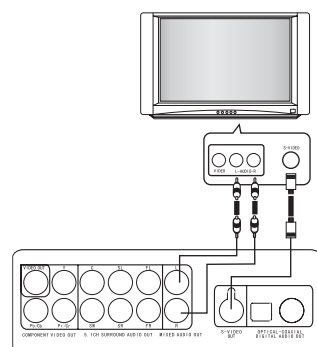
Connect with YUV (Y Pb/Cb Pr/Cr) Terminal

Connect the Y, Pb/Cb, Pr/Cr jacks on the disc player and the corresponding jacks on the TV with audio cord. After that, connect disc player to TV with audio cord.

For a Progressive Scanning TV set, press the PS key on the remote control after DVD has read the disc. Then, the DVD player will shift to the progressive output mode and there may be no picture on the TV screen. You can recover the picture by shifting the video mode of the TV set to the progressive scanning one.
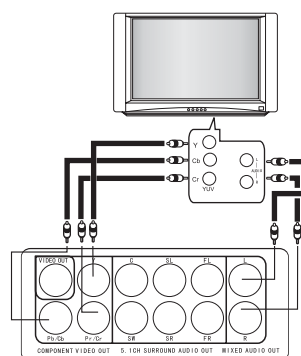
Connect with AV Power Amplifier

Connect with the dual-channel power amplifier.

The specific connection is indicated as follows.

Connect AV power amplifier with 5.1 channels and surrounding audio input.

Connect with digital audio optical fiber or coaxial terminal.

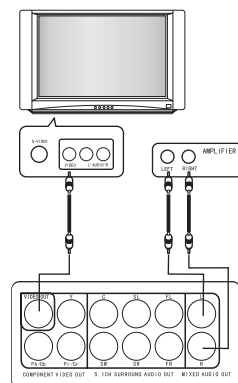Directly connect the optical fiber cord or the coaxial cord of the AV amplifier with the optical fiber or coaxial terminal of this equipment. Then,connect the video terminal of this equipment with the video terminal of the TV set.

Please refer to **5.3 Audio Setup Page** for the detailed Setting method of optical fiber or coaxial cord.
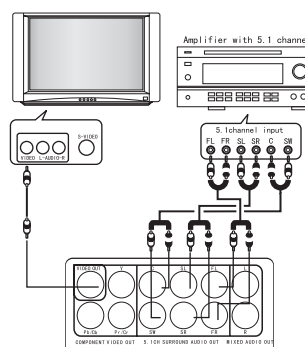
3.4 Setup of Output System

If pictures are not full screen or edge of the pictures have been covered or TV white-black phenomen on exit , please coordinate the output system of the equipment with that of TV set by pressing the **N/P** button on the remote control.

📄 *The DVD disc can support pictures of different proportions. On the TV set, pictures may not be in full screen or part of the picture could be covered.*

4. Function Buttons

4.1 Function Buttons on the DVD Player

(the same as the function of the corresponding buttons on the remote control)

POWER

Press the button to switch the unit ON/OFF.

OPEN/CLOSE

Press this button and the disc tray will open. After the disc is put into the tray, press this button again to close the tray.

PLAY

Press this button to play the disc.

STOP

Press this button once and the player will be in memory stop. Press this button twice and the player will be in complete stop.

PREVIOUS/NEXT

Press the button to play the previous or next track or the previous or next film segment.

4.2 Function Buttons on the Remote Controller

MUTE

Press this button once to turn off sound and press it again to turn on sound.

OSD

Press this button to display the information of playing disc.

BOOKMARK

Press this button to mark the memory playing point according to your requires. *(This function requires the support from the disc.)*

PLAY or ENTER button: enter mark point. CLEAR button: clear mark point. ARROW keys: move cursor.

RECALL

Press this button to reset the unit to the original factory set.*(The player must be in complete stop state, opening tray state or no disc state.)*

SETUP

Press this button to enter into the menu for system setting and press this button again to exit the menu.

ARROW KEYS (Up, Down, Left and Right)

Press these keys to move the highlighted bar or cursor to the appointed item.

ENTER

Press this button to confirm entry.

SUBTITLE

Press this button to display different caption *(DVD has 32 kinds of captions and Super VCD has 4 kinds of captions. This function requires the support from disc.)*

PAUSE

In playing state, press this button once, the player will be in pause state; press it twice, the player will play disc information frame by frame; Press PLAY button, the player will resume normal playing state.

ANGLE

Press this button to enjoy pictures shot from different angles.*(Disc support is required)*

ZOOM

Go on pressing the button to get different zoomed picture.

📄 *This function may differ for different types of discs.*

TITLE

Press this button to enter the appointed title. *(Requires the support from discs)*

REPEAT

When playing DVD discs, continuously press this key to repeat playing current chapter, title and the entitle disc. In the playing mode of Super VCD, VCD or CD, continuously press this key to repeat playing current track or the entitle disc.

MENU

For the DVD disc, press this button to enter into the designated menu*(requiring the support from the disc.)*
For the Super VCD and VCD 2.0 disc, press this button to shift between the PBC ON and PBC OFF states.
For VCD 1.1 and CD disc, this button is void.

D-PLAY

For the DVD disc, press this button to skip the advertisement, warning sentence, and main menu, directly playing the film.

NAVIGATION

Press this button to enter the navigation state.*(refer to 4.3*）

PS(PROGRESSIVE SCAN)

With the connection with the progressive scanning TV set, press this button to choose **PROGRESSIVE** or **INTERLACE** output of the player.

POWER(STANDBY)

Press the button for the first time and the player will be in standby state and reduce the power consumption. Press the button again and the player will recover operation.

NUMERIC KEYS (0-9, +10)

In sequential play state, press **NUMERIC** keys to play the desired track directly.

CLEAR

When you input the numbers, you can press **CLEAR** button to cancel the numbers inputted.

SEARCH

For DVD disc, press this button to choose the desired title and chapter, search the desired title time and chapter time.
For Super VCD, VCD, CD, MPEG4 disc, press this button to search the desired disc time and track time, choose the desired track.

AUDIO(L/R)

Press this button to choose different dubbing, left and right channel outputs*(DVD has 8 languages and Super VCD has 4 languages. This function requires the support from disc.)*

FAST FORWARD/FAST REVERSE

In play state, press **FAST FORWARD** or **FAST REVERSE** button and perform the fast forward or reverse function at different speed. Press **PLAY** button and the player will directly enter the normal play status.
For DVD disc, this function may get up to 128 times speed.

PROGRAM

Press **PROG** button and enter numbers into the corresponding interface. Then move the highlighted bar to START column and to perform the programming play function. If you don't want a programming play, just enter into the programming menu and move the highlighted bar to the **STOP** column. Pres **ENTER** and then choose **EXIT.**

WINDOW

Press this button to enter the window interface of multimedia. *(refer to 4.4)*

SLOW MOTION

In the play state, continuously press **SLOW** button ,you can perform the slow motion function at different speeds.

📄 *For DVD discs, this button is also available for the slow rewind function. This function is invalid to CD, MP3, WMA, Picture CD discs.*

A-B REPEAT

Press this key twice to repeat the segment from **A** to **B.**

VOLUME control (+) / (-)

Press **"+"** button to increase volume and press **"-"** to decrease volume.

GRADE

Press this button to grade your karaoke level.*(refer to 4.6)*
This function is void if the KARAOKE SCORE set to OFF.

N/P

Press the button to select the player output system(**Auto,NTSC** or **PAL).**

4.3 Navigation

Press **NAVIGATION** button on the remote control and the screen will display a figure similar to that of the remote control. Press the arrow keys and **ENTER** button on the remote control to perform functions such as fast forward, fast reverse, previous track, next track, step, slow motion, slow rewind, pause, play, audio, caption, angle, etc.

📄 *The functions, such as slow rewind, subtitle and angle, require the support from the played disc.*

4.4 Window Display

In the play state, press the **WINDOW** button on the remote control and a multimedia interface will appear as indicated in the below picture.
You can make a desired change with the arrow keys and numeric keys on the remote control and then confirm by pressing the **ENTER** button.
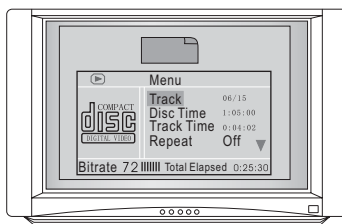
4.5 How To Use Karaoke Function

Connect with Microphone
Connect microphones to **MIC** jacks. You may connect two microphones to enjoy the Karaoke function.

Start KARAOKE
* Press **SETUP** button enter **KARAOKE SETUP PAGE.**
* Select **MIC SWITCH** to **ON.**
* Select **MIC VOL** to adjust the volume of microphone.
* Select **ECHO LEVEL** to adjust the volume of echo.
* Press numeric keys on the remote control to select the track you want when it is playing a karaoke disc.

Special Functions Of KARAOKE
Press **AUDIO** button on the remote control and choose from the following:
**[STEREO] [MONO LEFT]   [MONO RIGHT] [MIX-MONO]**

Cancel Original Sound
You may press the **AUDIO** button and choose **[MONO LEFT]** or **[MONO RIGHT]** to cancel original sound when you are enjoying Karaoke. You can also cancel original sound by choosing different audio output state.


📄 *Noise handling:*
* *Take the microphone far away from TV set or SPEAKER.*
* *Turn down the volume of TV set or SPEAKER.*
* *Turn down the volume or echo of microphone.*
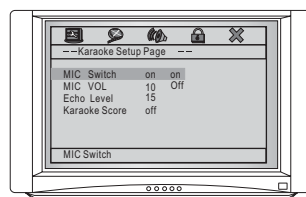
4.6 How To Use KARAOKE Grade Function

* In the complete stop state or the no disc state, press **SETUP** button to select different KARAOKE SCORE LEVEL.*(please refer to the picture 1)*

* Now, you may begin your karaoke.

* Press **GRADE** button and select **SCORE AT ONCE***(please refer to the picture 2),* start to score for current track. The karaoke score level will display top right on the screen, select **SAVE TO SINGER** X to save current score and the detailed information of current track score will display on the screen. Press PLAY button or **GRADE** button to play the next track.*(please refer to the picture 3)*

* Press **GRADE** button and select **DISPLAY ALL SCORE**,all singers karaoke score will be displayed on the screen. Select **REMOVE** to delete current record. Select **EXIT** to exit current information display.*(please refer to the picture 4)*

* To turn off the function of karaoke score, please set **KARAOKE SCORE** to **OFF.**
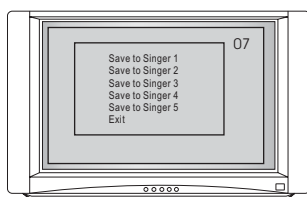
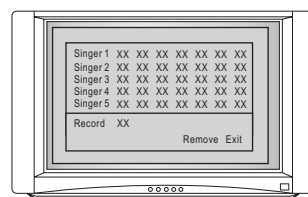📄 *In karaoke score state, the player will automatically score for current track after the track is over.*
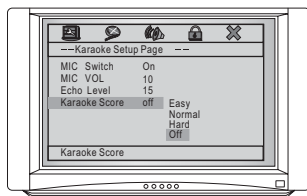
Picture 1
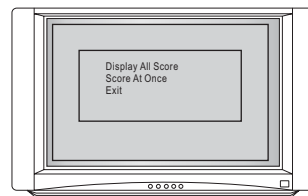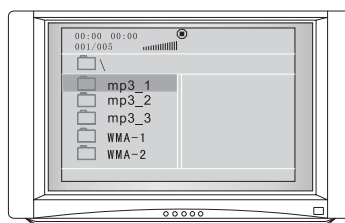
Picture 2

Picture 3

Picture 4

4.7 HOW TO ENJOY MP3/WMA/MPEG4 DISCS

The MP3/WMA/MPEG4 disc has such a directory structure as shown in the below picture.

In the **FOLDER** play mode, press arrow keys to choose the root directory and then press **ENTER** button to enter into the sub directory. Press arrow keys to choose the desired track and then press **ENTER** or **PLAY** button to enjoy the music or movie. If you want to return to the upper menu, press arrow keys to choose the " ▱ " icon or press " ◄ " button. Press **PROG** button to switch between the file list mode and the sequential play mode.

📄 *Filelist: Sequentially display the tracks in the entile disc.*
Folder: Display the folder in the whole disc by the directory structure.
Choose and play the desired tracks with numeric keys and arrow keys.

MP3/WMA

MPEG4 INTRODUCTION:

The MPEG-4 is an ISO/IEC standard developed by MPEG (Moving Picture Express Group), it is the fourth edition of MPEG, use a images reconstruction technique to compress and transfer the image date, and use WAM or MP3 format to compress and transfer the Audio data, a standard CD-ROM disc can record several movies with VCD image quality, or a standard DVD-ROM disc can record four movies with DVD image quality.

📄 *This player is not compatible with all the MPEG4 discs.*
Some functions are invalid for MPEG4 discs such as MENU、SUBTITLE ect.

4.8 How to Enjoy the Digital Album of Picture CD

The Picture CD disc has such a directory structure as shown in the below picture. In the directory play mode, press arrow keys to choose the root directory and then enter the sub directory.

Choose the desired picture and a small picture will appear as shown in the picture for your choice. Press **ENTER** or **PLAY** button to confirm and then enjoy the picture. If you want to return to the upper menu, press arrow keys to choose the " ▢ "icon. If you want to enter the file list mode, press the **PROG** button and all the pictures are displayed. If you want to enter the folder play mode, press the **PROG** button again.

📄 *The desired picture can be directly chosen and played with numeric keys and the ENTER button.*

Multi Picture Browse

In play state, press **STOP** button to enter into twelve picture browse *(as shown in the below picture)*, then you can press arrow keys to move the cursor for a choice and then confirm by pressing **ENTER** key.

PREV or **NEXT**--Turn to the previous or next page for browsing.

Slide Show--is play pictures at random.

Menu--is play the menu interface of functional keys*(as shown in the Picture 1 and Picture 2),* including the operation instruction for Picture CD. Press **EXIT** button from this interface.

Other Functions

For other functions, please refer to the introduction of function keys in the instruction on multi picture browse. *(as shown in Picture 1 and Picture 2)*

Open Screen Change Function

Please refer to the **5.1 General Setup Page** for details.
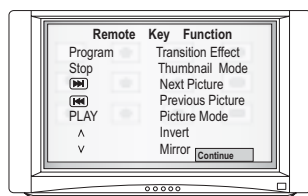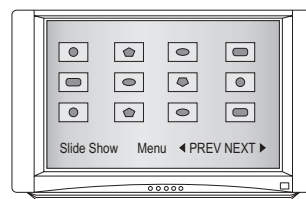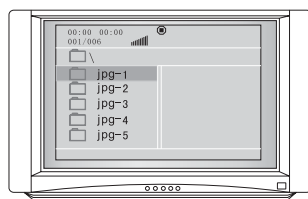
Picture 1

Picture 2

5. System setup

With powerful functions, the player can bring you perfect video-audio enjoyment after following the setup.

Enter the menu

Press **SETUP** key on the remote control to enter the menu of **General Setup Page** .
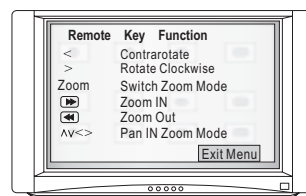Press the direction keys on the remote control to select or adjust, and press   **ENTER** key to confirm.
By selecting " ✖ " or pressing **SETUP** key again, exit from the interface. By pressing " ◄ ", return to the menu of upper level.

5.1 General Setup Page

General setup page is shown in the right picture:

OSD Lang
Here you can select in which language the screen menu shall be displayed.

Screen Saver
This item can set the screen saver function. When it is set to **On** and the player is under the stop state or the picture becomes static, it will enter screen saver state automatically in several minutes.

Last Memory
In this item, if you select the ON, when the player go into standby state, or open disc tray state, the player will memory play from the interrupt point when the player resume the normal playing state.
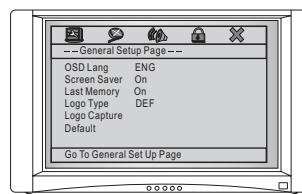
📄 *When setting the LAST MEMORY to ON , the player can memory all the setup of current playing state. If you want to setup the **PARENTAL PASSWORD** , please set the **LAST MEMORY** to **OFF**.*

Logo Type
Select open screen with factory default or user define.

Logo Capture
Select this item, you can change open screen for yourself.

* Capture: when you play Picture-CD disc, press **SETUP** button to enter **GENERAL SETUP PAGE**,move cursor to this item and select **CAPTURE**, the player begin to capture the picture after you press **ENTER** button. the prompt of **wait!capture logo**··· will display top left corner on the screen. When the prompt disappear on the screen.The picture capture is over.

* Change: you can move the cursor to **LOGO TYPE** item, select **CAPTURED.** The open screen will change after you press **ENTER** button,

* Reset: if you want to return the open screen of factory default setting, please enter **LOGO TYPE** item and select **DEFAULT.**
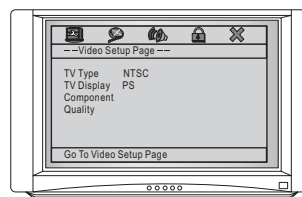
Default
Select this option to resume the default state when the player is delivered out of factory.

5.2 Video Setup Page

Press the direction key"▶ "on the remote control to enter this option, and the picture display is as shown in the right picture:
Press direction keys to select,and press **ENTER** to enter.

TV Type
Select according to the colour system of the TV set so that output system of the player accords with that of the TV set.

TV Display
Here you can select the screen display method of the TV set, Normal/PS*(pan scan)*, Normal/ LB*(letter box)*, or wide screen. *(This function needs supports of disc)*

Component
Set the YUV output to progressive or interlacing. When the player is connected to a TV set of progressive scanning though YPbPr, select **P-SCAN**. When it is connected to a common TV set, select **INTERLACE**, which can be also set through pressing corresponding keys on the remote controller.

Quality

Adjust the brightness, contrast, hue, and saturation of the picture through the direction keys so as to achieve your expected effect.

5.3 Audio Setup Page

Press direction keys to enter the setup page, display as shown in the right picture:

SPEAKER SETUP

Downmix
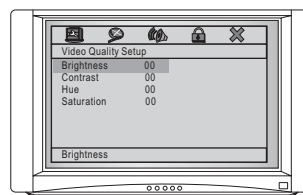**LT/RT** means audio signal output through left track and right track. **Stereo** means stereo signal output. And **5.1CH** means audio signal output through 5.1 channels.

Front speaker
If the speaker supports signal lower than 100Hz, it is best to select **Large.** If not, you shall select **Small** .

Centre speaker
Selection of **Large** or **Small** is same with that of front speaker. The speaker will have no signal output if set to **Off**.

Rear speaker
Selection is same with that mentioned above.
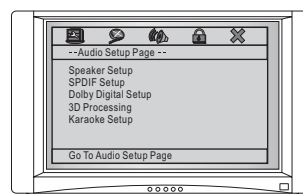
*As for setup of centre and rear speaker, track mode shall be set as **5.1CH.***

Subwoofer
The speaker has signal output when set to **ON**.
When set to **OFF** , the speaker outputs no signal.

Dialog

It is used to enhance definition of dialogue.

📄 *This function is unavailable if the track mode is*
*set to **5.1 CH**.*

SPDIF SETUP

SPDIF Output

If the power amplifier connected with the player has AC-3 decoder or DTS
decoder, select **SPDIF /RAW** .
If the power amplifier has coaxial or optical fiber input instead of digital audio
decoder, you can select **SPDIF/PCM**, and then the output includes 2 sound
tracks.
If the power amplifier has 5.1-Channel analog input,you are recommended to
use analog 5.1-track output to connect the power amplifier.
It is turned off if **SPDIF** is set to **SPDIF Off .**

LPCM Out

When **SPDIF** output is set to **SPDIF-PCM** state,the maximum sampling frequency
of optical fiber or coaxial terminal output signal can be achieved.

📄 *Users can set it accord with the maximum sampling frequency of coaxial or*
optical fiber receivable to power amplifier.

DOLBY DIGITAL SETUP

Dynamic

Adjust this item to gain different signal compression effects. For example, you
can adjust the linear compression ration higher when playing a disc in the day
so as to get better acoustical effect, while at night, you can adjust the ratio lower.

3D PROCESSING

Reverb Mode

select this item to choose a variety of surrounding sound effects.

KARAOKE SETUP

MIC Switch

select ON or OFF to turn on or turn off the Microphone.

MIC VOL

select this item to adjust volume of the Microphone.

ECHO Level
select this item to adjust level of the Microphone echo.

KARAOKE Score
select different level of KARAOKE Score or turn off the function of KARAOKE score.

📄 *the player must be in complete stop state, in open disc tray state, in no disc state, the **Karaoke Score** is valid.*

5.4 Password Setup Page

Password
Select **Change** and the right picture will appear. You can modify according to need.(Press numeric keys to input and **ENTER** key to confirm.)
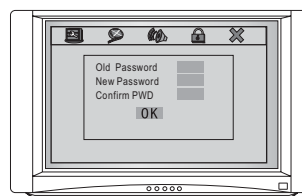
Parental
If you have set a password in the **Password** option, you have to input the password before setting the age control.

Old Password
New Password
Confirm PWD
OK

6. Intelligent Screensaver and Standby Function

With the same function of screen protection and stand-by function as computer, it will automatically enter into screen protection after three minutes in stop or no disc state, so as to protect your TV screen. After the screen protection state lasts for 20 minutes, it will automatically enter the stand-by state, then the DVD display doesn't light, no video output, and the power consumption is greatly lowered, thus service life of the player can be prolonged. In stand-by state, pressing **POWER(STANDBY)** key on the remote controller can activate the player back to normal working state.

7. Malfunction & Troubleshooting

Ttry the following troubleshooting suggestions.

No sound:
* Ensure that the player is connected properly with other systems, such as power amplifier or TV set.
* Ensure that TV set or power amplifier is working properly.
* Check if **MUTE** button of the unit or TV set is pressed.
* Examine whether the volume of TV set or player is adjusted to minimum.

No picture:
* Ensure that the player is connected firmly with the other systems, such as TV set.
* Ensure that the TV set is in normal working state.
* Check whether the player is in stand -by state.

Microphone has no sound
* Ensure the **MIC Switch** set to **ON.**
* Adjust volume of the microphone properly.

Disc not playing
* Ensure that the disc is placed correctly. (The label side is facing up.)
* Ensure that the disc is clean.

Remote control does not work
* Remove the obstacles between the player and the remote control.
* Point the remote control at the sensor on the front panel of the player.
* Check whether the batteries have adequate power.

No display or partial display:
* Check whether the disc is scratched and clean.
* As the player is controlled by microcomputer, when there is a trouble, please turn off the power and turn on the player again after several seconds. If no error display, the player can be normally used again.

No output after turning on:
* Ensure that the interval between continuous turning-on is not too short.
* Turn on the player again 10 seconds after it is turned off.

The screen doesn't light, no output
* The player may have entered stand-by state, press **POWER(STANDBY)** on the remote control to activate it.
* Turn on again 10 seconds after the power supply is switched off.

8. Technical Specifications

Video system		AUTO/NTSC/PAL
Audio response		20Hz~20kHz±1dB
Audio S/N		≥90dB
Output	Audio output (analog audio)	Output level:1~2V
	Audio output (digital audio)	Output level:0.5Vp-p
	Video output	Output level:1Vp-p load impedance: 75Ω unbalanced negative
	S-Video output	Output level: brightness (Y) 0.7Vp-p, chrominance(C):0.88Vp-p load impedance: 75Ω
	YUV(Y, Cb, Cr) output	Output level: 700±140mVp-p
Power supply		~120V/60Hz
Power consumption		< 20W
Dimensions of bare player		410(L) X 256(W) X 39(H) mm
Net Weight		2.2Kg

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